

CORRES CONTROL  
OUTGOING LTR NO

JOE ORDER#

93 RF 14206

DIST	YF	NF
AMARAL ME		
BENEDETTI RL		
BENJAMIN A		
BERMAN HS		
BRANCH DB		
CARNIVAL GJ		
COPP RD		
DAVIS JG		
ERRERA DW		
HANNI BJ		
HARMAN LK		
HEALY TJ		
HEDAH T		
HILBIG JG		
HUTCHINS NM		
KIRBY WA		
KUESTER AW		
MAHAFFEY JW		
MANN HP		
MARX GE		
MCDONALD MM		
McKENNA FG		
MONTROSE JK		
MORGAN RV		
POTTER GL		
PIZZUTO VM		
RISING TL		
SANDLIN NB		
SETLOCK GH		
STEWART DL		
SULLIVAN MT		
SWANSON ER		
WILKINSON RB		
WILLIAMS S (ORC)		
WILSON JM		
WYANT RD		
Hark, RZ	✓	
Armstrong, AL	✓	
Bushy, WS	✓	
Armstrong, KD	✓	
CORRES CONTROL	X	X
ADMN RECORD/0802	✓	
PATST130G		
TRAFFIC		

CLASSIFICATION

UCNI	
UNCLASSIFIED	
CONFIDENTIAL	
SECRET	

AUTHORIZED CLASSIFIER  
SIGNATURE

DOCUMENT CLASSIFICATION  
REVIEW WAIVER PER  
DATE CLASSIFICATION OFFICE

IN REPLY TO RFP CC NO

ACTION ITEM STATUS

1 PARTIAL/OPEN

1 CLOSED

LTR APPROVALS

ORIG & TYPIST INITIALS

RZH 2H ALP ml  
RZH ag

## EG&G ROCKY FLATS

EG&G ROCKY FLATS INC

ROCKY FLATS PLANT P O BOX 464 GOLDEN COLORADO 80402 0464 (303) 966 7000

November 23 1993

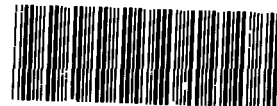
93 RF 14206

Tim Reeves

Operable Unit 1 Project Manager

Environmental Restoration Division

DOE, RFO



000013683

### HOTSPOT INVESTIGATION ON OPERABLE UNIT 1 RZH-014 93

As requested following is a summary of our conversation with Keith Anderson of EG&G Rocky Flats Inc s Environmental Operations Management on Friday November 12 1993 concerning the activities performed in investigation of Operable Unit (OU) 1 Hot Spots

- 1 Presite radiological screening by EG&G Rocky Flats Radiation (Rad) Protection Technologists (RPTs) detected a hot spot at well location 3829
- 2 At this original hot spot hand samples of surface soils were collected by Rocky Flats Plant (RFP) Rad Engineering These soil samples were collected to a depth of 10 inches These surface soil samples were hand screened in the field using a sodium iodide (NaI) detector
- 3 A high purity germanium detector (HPGe) survey was conducted by EG&G Rocky Flats HPGe crew to locate and identify additional potential hot spots
- 4 A walk over survey of the site was conducted by EG&G Rocky Flats RPTs to locate field anomalies
- 5 Additional hot spots identified by the HPGE crew were sampled by S M Stoller Corp s field sampling crew
- 6 A hand auger was used to drill one borehole 10 feet deep Bedrock as defined by auger refusal was encountered at 10 feet Auger samples were field screened using the HPGe and rad screens sent to IT
- 7 Small volumes of samples were shipped to the labs for rads and also for volatile organic analyses (VOAs)

ADMIN RECORD

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8 The samples still exceed background levels of radioactivity for OU 1 at 10 feet depth where the bottom of hole may be in bedrock

Keith Anderson is preparing a more formal in depth report on these hot spot investigations which I will forward to you soon

A handwritten signature in black ink, appearing to read "Richard Z. Houk".

R Z Houk  
OU 1 Project Manager  
ERM/Remediation Project Management  
EG&G Rocky Flats Inc

dql

Orig and 1 cc T Reeves